ABSTRACT OF THE DISCLOSURE

"Passive SSL Decryption"

A method and apparatus for passive probing of forwarded TCP communication sessions between a client and a server. This includes receiving forwarded data packets corresponding to the TCP communication sessions; and ordering the received data packets and reconstructing session content for each TCP session. If at least one of the communication sessions is encrypted, then: identifying an encryption scheme and a session key using the reconstructed session content; decrypting the session content, the decryption based upon the identified encryption scheme and the identified session key; and forwarding the decrypted session content to an external entity; else forwarding the reconstructed session content of to an external entity.